

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	29323	(707/1,10,100,101,102,200,201,202,203,204).CCLS.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/09/20 14:06
L2	0	("(gui or("graphicaluserinterface"))").PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/09/20 14:07
L3	113790	(gui or "graphical user interface")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 14:08
L4	8701	(transfer or transmit or synchroniz\$6 or cop\$3) near database	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 14:19
L5	53841	metadata or datatype\$1 or meta near data or schema	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 14:10
L6	161119	3 or 4 or 5	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 14:10
L7	43295	6 and (cop\$3 or mirror\$3 or transfer\$3) and (server and client)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 14:11
L8	188	6 and (cop\$3 or mirror\$3 or transfer\$3) and (server and client) and ((target and source) near database)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 14:11

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L9	179	6 and (cop\$3 or mirror\$3 or transfer\$3) and (server and client) and ((target and source) near database) and (create)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 14:20
L10	17560893	nd @ad<"20030121"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 14:13
L11	80	9 and @ad<"20030121"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 14:13
L12	1724	(transfer or transmit or synchroniz\$6 or cop\$3) near database and (gui or "graphical user interface")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 14:19
L13	179	6 and (cop\$3 or mirror\$3 or transfer\$3) and (server and client) and ((target and source) near database) and (create) and (cop\$3 or mirror\$3 or transfer\$3) and (server and client) and ((target and source) near database) and (create)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 14:20
L14	198	(cop\$3 or mirror\$3 or transfer\$3) and (server and client) and ((target and source) near database) and (create) and (cop\$3 or mirror\$3 or transfer\$3) and (server and client) and ((target and source) near database) and (create)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 14:20
L15	41351	1 abd (cop\$3 or mirror\$3 or transfer\$3) and (server and client) and ((target and source) near database) and (create) and (cop\$3 or mirror\$3 or transfer\$3) and (server and client) and ((target and source) near database) and (create)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 14:21

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L16	6737410	1 and (cop\$3 or mirror\$3 or transfer\$3) and (server and client) and ((target and source) near database) and (create) and (cop\$3 or mirror\$3 or transfer\$3) and (server and client) and ((target and source) near database) and (create)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 14:21
L17	115	1 and (cop\$3 or mirror\$3 or transfer\$3) and (server and client) and ((target and source) near database) and (create) and (cop\$3 or mirror\$3 or transfer\$3) and (server and client) and ((target and source) near database) and (create)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 14:21
L18	115	1 and (cop\$3 or mirror\$3 or transfer\$3) and (server and client) and ((target and source) near database) and (create) and (cop\$3 or mirror\$3 or transfer\$3) and (server and client) and ((target and source) near (datastore or database)) and (create)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 14:22

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Relevance scale

1 Coverage criteria for GUI testing 
Atif M. Memon, Mary Lou Soffa, Martha E. Pollack
September 2001 ACM SIGSOFT Software Engineering Notes, Proceedings of the 8th European software engineering conference held jointly with 9th ACM SIGSOFT international symposium on Foundations of software engineering ESEC/FSE-9, Volume 26 Issue 5
Publisher: ACM Press

Full text available:  pdf(1.47 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

A widespread recognition of the usefulness of graphical user interfaces (GUIs) has established their importance as critical components of today's software. GUIs have characteristics different from traditional software, and conventional testing techniques do not directly apply to GUIs. This paper's focus is on coverage criteria for GUIs, important rules that provide an objective measure of test quality. We present new coverage criteria to help determine whether a GUI has been adequately tested. ...

Keywords: GUI test coverage, GUI testing, component testing, event-based coverage, event-flow graph, integration tree

2 An OPNET-based simulation approach for deploying VoIP 
K. Salah, A. Alkhoraidly
May 2006 International Journal of Network Management, Volume 16 Issue 3
Publisher: John Wiley & Sons, Inc.

Full text available:  pdf(1.64 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

These days a massive deployment of VoIP is taking place over IP networks. VoIP deployment is a challenging task for network researchers and engineers. This paper presents a detailed simulation approach for deploying VoIP successfully. The simulation uses the OPNET network simulator. Recently OPNET has gained a considerable popularity in both academia and industry, but there is no formal or known approach or methodology as to how OPNET can be used to assess the support and readiness of an existing ...

3 Q focus: system performance: Modern Performance Monitoring 
Mark Purdy
February 2006 Queue, Volume 4 Issue 1
Publisher: ACM Press

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3 [Q focus: system performance: Modern Performance Monitoring](#)

 Mark Purdy
 February 2006 **Queue**, Volume 4 Issue 1

Publisher: ACM Press


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Relevance scale

1 Using GUI Run-Time State as Feedback to Generate Test Cases

Xun Yuan, Atif M. Memon

May 2007 **Proceedings of the 29th International Conference on Software Engineering ICSE '07****Publisher:** IEEE Computer SocietyFull text available: [pdf\(373.71 KB\)](#) Additional Information: [full citation](#), [abstract](#), [index terms](#)

This paper presents a new automated model -driven technique to generate test cases by using feedback from the execution of a .seed test suite. on an application under test (AUT). The test cases in the seed suite are designed to be generated automatically and executed very quickly. During their execution, feedback obtained from the AUT's run-time state is used to generate new, .improved. test cases. The new test cases subsequently become part of the seed suite. This .anytime technique. continues i ...

2 Doctoral symposium: posters: Developing cost-effective model-based techniques for

GUI testing

Qing Xie

May 2006 **Proceeding of the 28th international conference on Software engineering ICSE '06****Publisher:** ACM PressFull text available: [pdf\(116.69 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Most of today's software users interact with the software through a graphical user interface (GUI). While GUIs have become ubiquitous, testing of GUIs has remained until recently, a neglected research area. Existing GUI testing techniques are extremely resource intensive primarily because GUIs have very large input spaces. This research proposes to advance the state-of-the-art in GUI testing by empirically studying GUI faults, interactions between GUI events, why certain event interactions lead ...

3 Designing and comparing automated test oracles for GUI-based software

applications

Qing Xie, Atif M. Memon

February 2007 **ACM Transactions on Software Engineering and Methodology (TOSEM), Volume 16 Issue 1****Publisher:** ACM PressFull text available: [pdf\(742.55 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Test designers widely believe that the overall effectiveness and cost of software testing depends largely on the type and number of test cases executed on the software. This



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Relevance scale

- 1 [Best practices: Integration of a 2D legacy GIS, legacy simulations, and legacy databases into a 3D geographic simulation](#)

Makoto Ohigashi, Zhen-Sheng Guo, Yuzuru Tanaka

October 2006 **Proceedings of the 24th annual conference on Design of communication SIGDOC '06**

Publisher: ACM Press

Full text available: [pdf\(1.28 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Legacy application systems have been widely used by user communities, and by individual users. They are currently providing a variety of functions required by system development requirements. For the development of a new 3D system using such legacy systems, we need both (i) the migration of legacy systems into a new 3D system environment, and (ii) interoperations among these systems. This paper proposes a framework for the ad hoc integration of a 2D legacy GIS, legacy simulators, and legacy data ...

Keywords: 3D geographic simulation, legacy system integration, meme media

- 2 [Fast detection of communication patterns in distributed executions](#)

Thomas Kunz, Michiel F. H. Seuren

November 1997 **Proceedings of the 1997 conference of the Centre for Advanced Studies on Collaborative research CASCON '97**

Publisher: IBM Press

Full text available: [pdf\(4.21 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Understanding distributed applications is a tedious and difficult task. Visualizations based on process-time diagrams are often used to obtain a better understanding of the execution of the application. The visualization tool we use is Poet, an event tracer developed at the University of Waterloo. However, these diagrams are often very complex and do not provide the user with the desired overview of the application. In our experience, such tools display repeated occurrences of non-trivial commun ...

- 3 [The Dublo Architecture Pattern for Smooth Migration of Business Information Systems: An Experience Report](#)

Wilhelm Hasselbring, Ralf Reussner, Holger Jaekel, Jurgen Schlegelmilch, Thorsten Teschke, Stefan Krieghoff

May 2004 **Proceedings of the 26th International Conference on Software**



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Relevance scale

1 Efficient estimation of joint queries from multiple OLAP databases

Elaheh Pourabbas, Arie Shoshani

March 2007 **ACM Transactions on Database Systems (TODS)**, Volume 32 Issue 1

Publisher: ACM Press

Full text available: [pdf\(816.10 KB\)](#)

Additional Information: [full citation](#), [appendices and supplements](#), [abstract](#), [references](#), [index terms](#)

Given an OLAP query expressed over multiple source OLAP databases, we study the problem of estimating the resulting OLAP target database. The problem arises when it is not possible to derive the result from a single database. The method we use is linear indirect estimation, commonly used for statistical estimation. We examine two obvious computational methods for computing such a target database, called the *full cross-product* (F) and *preaggregation* (P) methods. We study the accu ...

Keywords: OLAP, multiple summary databases, query estimation

2 Potpourri: Provenance management in curated databases

Peter Buneman, Adriane Chapman, James Cheney

June 2006 **Proceedings of the 2006 ACM SIGMOD international conference on Management of data SIGMOD '06**

Publisher: ACM Press

Full text available: [pdf\(191.13 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Curated databases in bioinformatics and other disciplines are the result of a great deal of manual annotation, correction and transfer of data from other sources. Provenance information concerning the creation, attribution, or version history of such data is crucial for assessing its integrity and scientific value. General purpose database systems provide little support for tracking provenance, especially when data moves among databases. This paper investigates general-purpose techniques for rec ...

Keywords: curation, provenance, storage

3 Transformation of data traversals and operations in application programs to account for semantic changes of databases

Stanley Y. W. Su, Herman Lam, Der Her Lo



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1 [Keynote talks: Model management 2.0: manipulating richer mappings](#)

- Philip A. Bernstein, Sergey Melnik
June 2007 Proceedings of the 2007 ACM SIGMOD international conference on Management of data SIGMOD '07

Publisher: ACM Press

Full text available: [pdf\(556.05 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Model management is a generic approach to solving problems of data programmability where precisely engineered mappings are required. Applications include data warehousing, e-commerce, object-to-relational wrappers, enterprise information integration, database portals, and report generators. The goal is to develop a model management engine that can support tools for all of these applications. The engine supports operations to match schemas, compose mappings, diff schemas, merge schemas, transl ...

Keywords: data exchange, data integration, data translation, engineered mapping, model management, schema evolution, schema mapping, schema matching

2 [Composition of mappings given by embedded dependencies](#)

- Alan Nash, Philip A. Bernstein, Sergey Melnik
March 2007 ACM Transactions on Database Systems (TODS), Volume 32 Issue 1

Publisher: ACM Press

Full text available: [pdf\(340.64 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Composition of mappings between schemas is essential to support schema evolution, data exchange, data integration, and other data management tasks. In many applications, mappings are given by embedded dependencies. In this article, we study the issues involved in composing such mappings.

Our algorithms and results extend those of Fagin et al. [2004], who studied the composition of mappings given by several kinds of constraints. In particular, they proved that full source-to-target tupl ...

Keywords: Metadata management, database theory



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Relevance scale

1 Transformation of data traversals and operations in application programs to account for semantic changes of databases

Stanley Y. W. Su, Herman Lam, Der Her Lo

June 1981 **ACM Transactions on Database Systems (TODS)**, Volume 6 Issue 2

Publisher: ACM Press

Full text available: [pdf\(3.00 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

This paper addresses the problem of application program conversion to account for changes in database semantics that result in changes in the schema and database contents. With the observation that the existing data models can be viewed as alternative ways of modeling the same database semantics, a methodology of application program analysis and conversion based on an existing-DBMS-model-and schema-independent representation of both the database and programs is presented. In this methodolog ...

Keywords: access pattern, application program conversion, database changes, semantic data model, transformation rules

2 Keynote talks: Model management 2.0: manipulating richer mappings

Philip A. Bernstein, Sergey Melnik

June 2007 **Proceedings of the 2007 ACM SIGMOD international conference on Management of data SIGMOD '07**

Publisher: ACM Press

Full text available: [pdf\(556.05 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

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Keywords: data exchange, data integration, data translation, engineered mapping, model management, schema evolution, schema mapping, schema matching

3 The relational model for database management: version 2

E. F. Codd
January 1990 Book

Publisher: Addison-Wesley Longman Publishing Co., Inc.

Full text available: [pdf\(28.61 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#), [review](#)

From the Preface (See Front Matter for full Preface)

An important adjunct to precision is a sound theoretical foundation. The relational model is solidly based on two parts of mathematics: firstorder predicate logic and the theory of relations. This book, however, does not dwell on the theoretical foundations, but rather on all the features of the relational model that I now perceive as important for database users, and therefore for DBMS vendors. My perceptions result from 20 y ...

4 Data cleaning and integration: Compiling mappings to bridge applications and databases

◆ Sergey Melnik, Atul Adya, Philip A. Bernstein
June 2007 **Proceedings of the 2007 ACM SIGMOD international conference on Management of data SIGMOD '07**

Publisher: ACM Press

Full text available: [pdf\(768.11 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Translating data and data access operations between applications and databases is a longstanding data management problem. We present a novel approach to this problem, in which the relationship between the application data and the persistent storage is specified using a declarative mapping, which is compiled into bidirectional views that drive the data transformation engine. Expressing the application model as a view on the database is used to answer queries, while viewing the database in term ...

Keywords: mapping, query rewriting, updateable views

5 Potpourri: Provenance management in curated databases

◆ Peter Buneman, Adriane Chapman, James Cheney
June 2006 **Proceedings of the 2006 ACM SIGMOD international conference on Management of data SIGMOD '06**

Publisher: ACM Press

Full text available: [pdf\(191.13 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

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Keywords: curation, provenance, storage

6 A meta model and an infrastructure for the non-transparent replication of object databases

◆ Werner Dreyer, Klaus R. Dittrich
November 2000 **Proceedings of the ninth international conference on Information and knowledge management CIKM '00**

Publisher: ACM Press

Full text available:  pdf(179.36 KB) Additional Information: [full citation](#), [references](#), [index terms](#)

Keywords: object databases, object replication, replication meta models

7 Middleware object query processing with deferred updates and autonomous sources 

 Jerry Kiernan, Michael J. Carey

October 2000 **ACM SIGPLAN Notices , Proceedings of the 15th ACM SIGPLAN conference on Object-oriented programming, systems, languages, and applications OOPSLA '00**, Volume 35 Issue 10

Publisher: ACM Press

Full text available:  pdf(214.74 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

This paper presents a query processing algorithm called DECAF for use in middleware object query systems that are based on the use of an object cache. The DECAF algorithm is designed to work correctly even in the presence of updates to the underlying databases that don't go through the object cache (i.e., even for autonomous data sources that can be updated through legacy applications that do not perform their updates through the middleware object layer). DECAF's query results are consistent with ...

Keywords: DBMS, cache, middleware, object-oriented, query

8 Towards efficient and scalable mediation: the AURORA approach 

Ling Ling Yan

November 1997 **Proceedings of the 1997 conference of the Centre for Advanced Studies on Collaborative research CASCON '97**

Publisher: IBM Press

Full text available:  pdf(344.59 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

We develop a 2-tier, plug-and-play mediation model for accessing a large number of heterogeneous data sources. This model defines a divide-and-conquer approach towards information integration. It is more suitable for applications such as electronic commerce than existing models. We also develop algebras that manipulate heterogeneous data, the *mediation enabling algebras*, that provide new techniques for efficient query processing in large-scale middleware. This paper presents the mediation ...

9 SilkRoute: A framework for publishing relational data in XML 

 Mary Fernández, Yana Kadiyska, Dan Suciu, Atsuyuki Morishima, Wang-Chiew Tan

December 2002 **ACM Transactions on Database Systems (TODS)**, Volume 27 Issue 4

Publisher: ACM Press

Full text available:  pdf(687.91 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

XML is the "lingua franca" for data exchange between interenterprise applications. In this work, we describe SilkRoute, a framework for publishing relational data in XML. In SilkRoute, relational data is published in three steps: the relational tables are presented to the database administrator in a canonical XML view; the database administrator defines in the XQuery query language a public, virtual XML view over the canonical XML view; and an application formulates an XQuery query over the publ ...

Keywords: XML, XML storage systems, XQuery

10

The Clio project: managing heterogeneity 

Renée J. Miller, Mauricio A. Hernández, Laura M. Haas, Lingling Yan, C. T. Howard Ho, Ronald Fagin, Lucian Popa
March 2001 **ACM SIGMOD Record**, Volume 30 Issue 1
Publisher: ACM Press
Full text available:  pdf(628.77 KB) Additional Information: [full citation](#), [abstract](#), [citations](#), [index terms](#)

Clio is a system for managing and facilitating the complex tasks of heterogeneous data transformation and integration. In Clio, we have collected together a powerful set of data management techniques that have proven invaluable in tackling these difficult problems. In this paper, we present the underlying themes of our approach and present a brief case study.

11 Migrating E-commerce database applications to an enterprise Java environment 

Terence C. Lau, Jianguo Lu, Erik Hedges, Emily Xing
November 2001 **Proceedings of the 2001 conference of the Centre for Advanced Studies on Collaborative research CASCON '01**

Publisher: IBM Press

Full text available:  pdf(572.66 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

As technology evolves over time, a common problem is the migration of software applications from one technology base to another. This paper is a practical experience report based on IBM Net.Commerce to WebSphere Commerce Suite (WCS) migration. It identifies the problems and issues in the migration of applications using traditional database access (SQL) to applications using the Enterprise Java Bean (EJB) programming model, and presents a practical methodology in facilitating such migration. It a ...

Keywords: E-commerce, JSP, Net.data, SQL, database re-engineering, enterprise Javabean, migration, relational-object mapping

12 Schema translation using structural transformation 

Rateb Abu-Hamdeh, James R. Cordy, Patrick Martin
October 1994 **Proceedings of the 1994 conference of the Centre for Advanced Studies on Collaborative research CASCON '94**

Publisher: IBM Press

Full text available:  pdf(196.83 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

This paper describes how structural transformation can be applied to the problem of translating schemas expressed in one data model into equivalent schemas expressed in another data model. We explain our approach to the problem which involves translating a schema in the source data model into a set of facts in a knowledge base and from there into a schema in the target data model. We present an example transformation in detail and outline how one can analyze the information capacity preserving p ...

13 The 3DIS: an extensible object-oriented information management environment 

Hamideh Afsarmanesh, Dennis McLeod
October 1989 **ACM Transactions on Information Systems (TOIS)**, Volume 7 Issue 4

Publisher: ACM Press

Full text available:  pdf(2.79 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

The 3-Dimensional Information Space (3DIS) is an extensible object-oriented framework for information management. It is specifically oriented toward supporting the database requirements for data-intensive information system applications in which (1) information objects of various levels of abstraction and modalities must be accommodated, (2) descriptive and structural information (metadata) is rich and dynamic, and (3) users who

are not database experts must be able to design, manipulate, a ...

14 Customizing IDL mappings and ORB protocols

Girish Welling, Maximilian Ott

April 2000 **IFIP/ACM International Conference on Distributed systems platforms Middleware '00**

Publisher: Springer-Verlag New York, Inc.

Full text available:  pdf(293.12 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

Current mappings of IDL to implementation languages such as C++ or Java use CORBA specific data-types, which makes it imperative for an object implementation to be CORBA-compliant. While being completely CORBA-compliant ensures portability and interoperability, several classes of enterprise applications may *only* require interoperability with other CORBA applications. Other applications may be constrained by such factors as a large existing code-base or a widely used communicatio ...

15 Modular object-oriented programming with units and mixins

◆ Robert Bruce Findler, Matthew Flatt

September 1998 **ACM SIGPLAN Notices , Proceedings of the third ACM SIGPLAN international conference on Functional programming ICFP '98**, Volume 34 Issue 1

Publisher: ACM Press

Full text available:  pdf(1.31 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Module and class systems have evolved to meet the demand for reuseable software components. Considerable effort has been invested in developing new module and class systems, and in demonstrating how each promotes code reuse. However, relatively little has been said about the interaction of these constructs, and how using modules and classes *together* can improve programs. In this paper, we demonstrate the synergy of a particular form of modules and classes--called units and mixins, respec ...

16 PIROL: a case study for multidimensional separation of concerns in software engineering environments

◆ Stephan Herrmann, Mira Mezini

October 2000 **ACM SIGPLAN Notices , Proceedings of the 15th ACM SIGPLAN conference on Object-oriented programming, systems, languages, and applications OOPSLA '00**, Volume 35 Issue 10

Publisher: ACM Press

Full text available:  pdf(441.79 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

In this paper, we present our experience with applying multidimensional separation of concerns to a software engineering environment. By comparing two different designs of our system, we show the importance of separating integration issues from the implementation of the individual concerns. We present a model in which integration issues are encapsulated into *rst*--class connector objects and indicate how this facilitates the understandability, maintenance and evolution of the system. We identify ...

Keywords: component integration, domain-specific language, separation of concerns, software engineering environment

17 On type systems for object-oriented database programming languages

◆ Yuri Leontiev, M. Tamer Özsu, Duane Szafron

December 2002 **ACM Computing Surveys (CSUR)**, Volume 34 Issue 4

Publisher: ACM Press

Full text available:  pdf(346.87 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

The concept of an object-oriented database programming language (OODBPL) is appealing because it has the potential of combining the advantages of object orientation and database programming to yield a powerful and universal programming language design. A uniform and consistent combination of object orientation and database programming, however, is not straightforward. Since one of the main components of an object-oriented programming language is its type system, one of the first problems that ar ...

Keywords: OODB, OODBPL, object-oriented database programming language, type checking, typing

18 Special issue: AI in engineering



D. Sriram, R. Joobhani
◆ April 1985 **ACM SIGART Bulletin**, Issue 92

Publisher: ACM Press

Full text available:  pdf(8.79 MB) Additional Information: [full citation](#), [abstract](#)

The papers in this special issue were compiled from responses to the announcement in the July 1984 issue of the SIGART newsletter and notices posted over the ARPAnet. The interest being shown in this area is reflected in the sixty papers received from over six countries. About half the papers were received over the computer network.

19 Reports: Research in database engineering at the University of Namur



Jean-Luc Hainaut
◆ December 2003 **ACM SIGMOD Record**, Volume 32 Issue 4

Publisher: ACM Press

Full text available:  pdf(151.57 KB) Additional Information: [full citation](#), [references](#)

20 Practical inter-operation of CAD tools using a flexible procedural interface



Zahir Moosa, Nick Filer, Mike Brown, J. Heaton, J. Pye

December 1995 **Proceedings of the conference on European design automation EURO-DAC '95/EURO-VHDL '95**

Publisher: IEEE Computer Society Press

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Singh, G.; Kok, C.H.; Ngan, T.Y.;
[Visual Languages, 1990. Proceedings of the 1990 IEEE Workshop on](#)
4-6 Oct. 1990 Page(s):187 - 193

Digital Object Identifier 10.1109/WVL.1990.128404

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[Software Tools for Interface Design, IEE Colloquium on](#)
8 Nov 1990

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Adamczewski, J.; Al-Turany, M.; Bertini, D.; Essel, H.G.; Kurz, N.; Linev, S.; Richter, M;
[Nuclear Science, IEEE Transactions on](#)
Volume 51, Issue 3, Part 1, June 2004 Page(s):565 - 570

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[Abstract](#) | Full Text: [PDF\(656 KB\)](#) IEEE JNL[Rights and Permissions](#)**4. Design of VY: A Mini Visual IDE for the Development of GUI in Embedded Device**

Yang, Le; Choi, Yongsun; Seo, Changjun; Yang, Tongfeng; Kim, MinSung;
[Software Engineering Research, Management & Applications, 2007. SERA 2007. 5th Conference on](#)
20-22 Aug. 2007 Page(s):625 - 632

Digital Object Identifier 10.1109/SERA.2007.76

[Abstract](#) | Full Text: [PDF\(226 KB\)](#) IEEE CNF[Rights and Permissions](#)**5. A visual programming tool for user interface and Web page generation**

Zhengbin Yan; Kang Zhang;
[Technology of Object-Oriented Languages, 1998. TOOLS 27. Proceedings](#)
22-25 Sept. 1998 Page(s):181 - 185

Digital Object Identifier 10.1109/TOOLS.1998.713599

[Abstract](#) | Full Text: [PDF\(60 KB\)](#) IEEE CNF[Rights and Permissions](#)**6. Human factors methods in the design of the graphical user interface for the open product generation (ORPG) component of the WSR-88D**

Priegnitz, D.; Frashier, D.; Marci, T.; O'Bannon, T.; Smith, S.; Steadham, R.; Bullard, M;
[Aerospace and Electronics Conference, 1997. NAECON 1997., Proceedings of the IE](#)

Volume 1, 14-17 July 1997 Page(s):328 - 331 vol.1

Digital Object Identifier 10.1109/NAECON.1997.618099

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7. **Proceedings. 1997 IEEE Symposium on Visual Languages (Cat. No.97TB100180)**
Visual Languages, 1997. Proceedings. 1997 IEEE Symposium on
23-26 Sept. 1997
Digital Object Identifier 10.1109/VL.1997.626551
[Abstract](#) | Full Text: [PDF\(296 KB\)](#) IEEE CNF
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8. **Satisfying the graphical requirements of visual languages in the DV-Centro Fran**
Brown, P.C.;
Visual Languages, 1997. Proceedings. 1997 IEEE Symposium on
23-26 Sept. 1997 Page(s):84 - 91
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[Abstract](#) | Full Text: [PDF\(732 KB\)](#) IEEE CNF
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Qing Xie; Memon, A.M.;
Software Maintenance, 2006. ICSM '06. 22nd IEEE International Conference on
Sept. 2006 Page(s):145 - 154
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[Abstract](#) | Full Text: [PDF\(440 KB\)](#) IEEE CNF
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10. **On the test case definition for GUI testing**
Kai-Yuan Cai; Lei Zhao; Hai Hu; Chang-Hai Jiang;
Quality Software, 2005. (QSIC 2005). Fifth International Conference on
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Digital Object Identifier 10.1109/QSIC.2005.45
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Mahajan, R.; Shneiderman, B.;
Software Engineering, IEEE Transactions on
Volume 23, Issue 11, Nov. 1997 Page(s):722 - 735
Digital Object Identifier 10.1109/32.637386
[Abstract](#) | Full Text: [PDF\(224 KB\)](#) IEEE JNL
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12. **A dialog-oriented user interface generation mechanism**
Jeongwon Baeg; Fukazawa, Y.;
Software Engineering Conference, 1996. Proceedings. 1996 Asia-Pacific
4-7 Dec. 1996 Page(s):310 - 317
Digital Object Identifier 10.1109/APSEC.1996.566765
[Abstract](#) | Full Text: [PDF\(744 KB\)](#) IEEE CNF
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13. **A graphical query language: VISUAL and its query processing**
Balkir, N.H.; Ozsoyoglu, G.; Ozsoyoglu, Z.M.;
Knowledge and Data Engineering, IEEE Transactions on
Volume 14, Issue 5, Sept.-Oct. 2002 Page(s):955 - 978
Digital Object Identifier 10.1109/TKDE.2002.1033767
[Abstract](#) | Full Text: [PDF\(1467 KB\)](#) IEEE JNL

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Jern, M.;

Information Visualization, 1999. Proceedings. 1999 IEEE International Conference on
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Lopes de Oliveira, J.; Mederiso, C.B.; Cilia, M.A.;

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Digital Object Identifier 10.1109/ICSM.1996.565038Abstract | Full Text: [PDF\(708 KB\)](#) [IEEE CNF](#)Rights and Permissions**17. 1989 IEEE Workshop on Visual Languages (Cat. No.89TH0277-4)**Visual Languages, 1989., IEEE Workshop on

4-6 Oct. 1989

Digital Object Identifier 10.1109/WVL.1989.77025

Abstract | Full Text: [PDF\(208 KB\)](#) [IEEE CNF](#)Rights and Permissions**18. Visual query specification in a multimedia database system**

Keim, D.A.; Lum, V.;

Visualization, 1992. Visualization '92. Proceedings., IEEE Conference on
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Digital Object Identifier 10.1109/VISUAL.1992.235208Abstract | Full Text: [PDF\(900 KB\)](#) [IEEE CNF](#)Rights and Permissions**19. Network management system graphical interface**

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Computer Graphics and Applications, IEEE
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21. **C ustomisable graphical interfaces to database systems: a meta-programming b:**
Madurapperuma, A.P.; Gray, W.A.; Fiddian, N.J.;
Database and Expert Systems Applications, 1997. Proceedings., Eighth International
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Digital Object Identifier 10.1109/DEXA.1997.617300
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graphical user interface environment
Shigesada, Y.; Koshizuka, N.; Sakamura, K.;
TRON Project International Symposium, 1996. TEPS '96
4-7 Dec. 1996 Page(s):104 - 114
Digital Object Identifier 10.1109/TRON.1996.566195
[Abstract](#) | Full Text: [PDF\(824 KB\)](#) IEEE CNF
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Tanikoshi, K.; Arai, T.; Tani, M.; Yokoyama, T.; Tanifuji, S.;
Computers and Communications, 1991. Conference Proceedings., Tenth Annual Inter
Conference on
27-30 March 1991 Page(s):776 - 782
Digital Object Identifier 10.1109/PCCC.1991.113893
[Abstract](#) | Full Text: [PDF\(544 KB\)](#) IEEE CNF
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24. **A graphical user-interface control system at SRRC**
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Particle Accelerator Conference, 1993. Proceedings of the 1993
17-20 May 1993 Page(s):1878 - 1880 vol.3
Digital Object Identifier 10.1109/PAC.1993.309162
[Abstract](#) | Full Text: [PDF\(252 KB\)](#) IEEE CNF
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25. **P roceedings First Australasian User Interface Conference. AUIC 2000 (Cat. No.P**
User Interface Conference, 2000. AUIC 2000. First Australasian
31 Jan.-3 Feb. 2000
Digital Object Identifier 10.1109/AUIC.2000.822054
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Fletcher, G.H.L.;
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Digital Object Identifier 10.1109/ICDE.2005.293
[AbstractPlus](#) | Full Text: [PDF\(216 KB\)](#) [IEEE CNF](#)
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IEEE STD IEEE Standard 2. **Mapping Between Data Sources on the Web**
Fletcher, G.H.L.; Wyss, C.M.;
[Web Information Retrieval and Integration, 2005. WIRI '05. Proceedings. Intern on Challenges in](#)
08-09 April 2005 Page(s):173 - 178
Digital Object Identifier 10.1109/WIRI.2005.25
[AbstractPlus](#) | Full Text: [PDF\(328 KB\)](#) [IEEE CNF](#)
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Bouzeghoub, A.; Defude, B.; Ammour, S.; Duitama, J.-F.; Lecocq, C.;
[Advanced Learning Technologies, 2004. Proceedings. IEEE International Conf](#)
30 Aug.-1 Sept. 2004 Page(s):81 - 85
Digital Object Identifier 10.1109/ICALT.2004.1357379
[AbstractPlus](#) | Full Text: [PDF\(262 KB\)](#) [IEEE CNF](#)
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Peng, X.; Brazile, R.; Swigger, K.M.;
[Information Reuse and Integration, 2004. IRI 2004. Proceedings of the 2004 IE](#)
Conference on
8-10 Nov. 2004 Page(s):97 - 102
Digital Object Identifier 10.1109/IRI.2004.1431443
[AbstractPlus](#) | Full Text: [PDF\(2210 KB\)](#) [IEEE CNF](#)
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Hunter, J.;
[Circuits and Systems for Video Technology, IEEE Transactions on](#)
Volume 13, Issue 1, Jan. 2003 Page(s):49 - 58


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Digital Object Identifier 10.1109/SSDM.2004.1311230
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Volume SE-8, [Issue 6](#), Nov. 1982 Page(s):544 - 553
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Rouse, C.; Berman, S.; [Distributed Computing Systems Workshops, 2006. ICDCSW Workshops 2006. 2 International Conference on](#)
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Digital Object Identifier 10.1109/ICDCSW.2006.11
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Castano, S.; Ferrara, A.; Montanelli, S.; Racca, G.; [Database and Expert Systems Applications, 2004. Proceedings. 15th International Conference on](#)
30 Aug.-3 Sept. 2004 Page(s):140 - 144
Digital Object Identifier 10.1109/DEXA.2004.1333463
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Digital Object Identifier 10.1109/SSDM.2004.1311230
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Digital Object Identifier 10.1109/ICDCSW.2006.11
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Digital Object Identifier 10.1109/DEXA.2004.1333463
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[Data Engineering, 2002. Proceedings. 18th International Conference on](#)
26 Feb.-1 March 2002 Page(s):201 - 211
Digital Object Identifier 10.1109/ICDE.2002.994710
[AbstractPlus](#) | Full Text: [PDF\(737 KB\)](#) IEEE CNF
[Rights and Permissions](#)

- 7. A survey of languages for specifying dynamics: a knowledge engineering perspective**
van Eck, P.; Engelfriet, J.; Fensel, D.; van Harmelen, F.; Venema, Y.; Willems, M.;
[Knowledge and Data Engineering, IEEE Transactions on](#)
Volume 13, Issue 3, May-June 2001 Page(s):462 - 496
Digital Object Identifier 10.1109/69.929903
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(864 KB\)](#) IEEE JNL
[Rights and Permissions](#)

- 8. XML's impact on databases and data sharing**
Seligman, L.; Roenthal, A.;
[Computer](#)
Volume 34, Issue 6, June 2001 Page(s):59 - 67
Digital Object Identifier 10.1109/2.928623
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(264 KB\)](#) IEEE JNL
[Rights and Permissions](#)

- 9. OWL-Based Approach for Semantic Interoperating and Accessing Heterogeneous Sources**
Saw, N.T.H.;
[Information and Communication Technologies, 2006. ICTTA '06. 2nd International Conference on](#)
Volume 1, 24-28 April 2006 Page(s):522 - 527
[AbstractPlus](#) | Full Text: [PDF\(2872 KB\)](#) IEEE CNF
[Rights and Permissions](#)

- 10. Simple and efficient implementation of pattern matching in MOLA tool**
Kalnins, A.; Celms, E.; Sostaks, A.;
[Databases and Information Systems, 2006 7th International Baltic Conference on](#)
3-6 July 2006 Page(s):159 - 167
Digital Object Identifier 10.1109/DBIS.2006.1678491
[AbstractPlus](#) | Full Text: [PDF\(405 KB\)](#) IEEE CNF
[Rights and Permissions](#)

- 11. Higher-order entity relationship modelling with UML**
Tretyakov, A.; Hartmann, S.;
[Quality Software, 2005. \(QSIC 2005\). Fifth International Conference on](#)
19-20 Sept. 2005 Page(s):205 - 211
Digital Object Identifier 10.1109/QSIC.2005.35
[AbstractPlus](#) | Full Text: [PDF\(240 KB\)](#) IEEE CNF
[Rights and Permissions](#)

- 12. Integration of Multidatabases In Heterogeneous Environment Using NDB**
Begum, S.; Ambreen, R.; Ahmed, S.; Hashmi, U.;
[Engineering, Sciences and Technology, Student Conference On](#)
30-31 Dec. 2004 Page(s):174 - 195
[AbstractPlus](#) | Full Text: [PDF\(264 KB\)](#) IEEE CNF

Rights and Permissions

- 13. Towards an industrial strength SQL/XML infrastructure**
Muralidhar Krishnaprasad; Liu, Z.H.; Anand Manikutty; Warner, J.W.; Vikas Arora
Data Engineering, 2005. ICDE 2005. Proceedings. 21st International Conference on
5-8 April 2005 Page(s):991 - 1000
Digital Object Identifier 10.1109/ICDE.2005.144
[AbstractPlus](#) | Full Text: [PDF\(128 KB\)](#) [IEEE CNF](#)
[Rights and Permissions](#)
- 14. On integrating scientific resources through semantic registration**
Bowers, S.; Kai Lin; Ludascher, B.;
Scientific and Statistical Database Management, 2004. Proceedings. 16th International Conference on
21-23 June 2004 Page(s):349 - 352
Digital Object Identifier 10.1109/SSDM.2004.1311229
[AbstractPlus](#) | Full Text: [PDF\(277 KB\)](#) [IEEE CNF](#)
[Rights and Permissions](#)
- 15. XBench benchmark and performance testing of XML DBMSs**
Yao, B.B.; Ozu, M.T.; Khandelwal, N.;
Data Engineering, 2004. Proceedings. 20th International Conference on
30 March-2 April 2004 Page(s):621 - 632
Digital Object Identifier 10.1109/ICDE.2004.1320032
[AbstractPlus](#) | Full Text: [PDF\(529 KB\)](#) [IEEE CNF](#)
[Rights and Permissions](#)
- 16. Semantic interoperability in the securities industry: context interchange and semantic differences in enumerated data types**
Moulton, A.; Madnick, S.E.; Siegel, M.D.;
Database and Expert Systems Applications, 2002. Proceedings. 13th International Conference on
2-6 Sept. 2002 Page(s):883 - 888
[AbstractPlus](#) | Full Text: [PDF\(282 KB\)](#) [IEEE CNF](#)
[Rights and Permissions](#)
- 17. A modeling approach for product classification systems**
Leukel, J.; Schmitz, V.; Dorloff, F.-D.;
Database and Expert Systems Applications, 2002. Proceedings. 13th International Conference on
2-6 Sept. 2002 Page(s):868 - 874
[AbstractPlus](#) | Full Text: [PDF\(399 KB\)](#) [IEEE CNF](#)
[Rights and Permissions](#)
- 18. AMOBA: a database system for annotating captured human movements**
Grunvogel, S.; Piesk, J.; Schwichtenberg, S.; Buchel, G.;
Computer Animation, 2002. Proceedings of
19-21 June 2002 Page(s):98 - 102
Digital Object Identifier 10.1109/CA.2002.1017514
[AbstractPlus](#) | Full Text: [PDF\(213 KB\)](#) [IEEE CNF](#)
[Rights and Permissions](#)
- 19. From XML schema to relations: a cost-based approach to XML storage**
Bohannon, P.; Freire, J.; Roy, P.; Simeon, J.;
Data Engineering, 2002. Proceedings. 18th International Conference on
26 Feb.-1 March 2002 Page(s):64 - 75
Digital Object Identifier 10.1109/ICDE.2002.994698
[AbstractPlus](#) | Full Text: [PDF\(413 KB\)](#) [IEEE CNF](#)
[Rights and Permissions](#)

- 20. Requirements for repository software**
Blaha, M.; LaPlant, D.; Marvak, E.;
Reverse Engineering, 1998. Proceedings. Fifth Working Conference on
12-14 Oct. 1998 Page(s):164 - 173
Digital Object Identifier 10.1109/WCRE.1998.723186
[AbstractPlus](#) | Full Text: [PDF\(684 KB\)](#) [IEEE CNF](#)
[Rights and Permissions](#)

- 21. Deduction of metadata for tabular structures in plain text**
Hodge, I.E.; Gray, W.A.; Fiddian, N.J.;
Multimedia Databases and MPEG-7 (Ref. No. 1999/056), IEE Colloquium on
29 Jan. 1999 Page(s):14/1 - 14/6
[AbstractPlus](#) | Full Text: [PDF\(400 KB\)](#) [IET CNF](#)

- 22. IEEE standard for data dictionaries for intelligent transportation systems**
27 Oct. 1999
[AbstractPlus](#) | Full Text: [PDF\(148 KB\)](#) [IEEE STD](#)

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PLUS Search Results for S/N 10761732 Searched Sep 20, 2007.

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